

AMENDMENT

Please amend the above-captioned application as follows, without prejudice.

Listing and Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 - 16. (Cancelled)

17. (New) An optical fibre suitable for use as a light emitting pixel in an array in a visual display, which fibre includes a polymer doped with a mixture of dyes comprising Coumarin 6 and Nile Red, which fibre is dimensioned such that, when said fibre is exposed to ambient light conditions sufficient for excitation of the dye, it is capable of generating fluorescent light and the ratio between the light power density at the end of the fibre and the light power density of the ambient light is greater than 10:1.

18. (New) An optical fibre according to claim 17 wherein the polymer is further doped or blended with organic fluorescent dye molecules chosen from a group comprising PBD, Bis MSB, 3-3'-diethyloxycarbocyanine-iodide, cresyl violet 670 perchlorate, Coumarin 7, Coumarin 314, 1,8-Diphenyl-1,3,5,7,-octatetrene, Sulforhodamine 101 and Sulforhodamine 640.

19. (New) An optical fibre as claimed in claim 17 wherein the polymer is doped with three dyes.

20. (New) An optical fibre as claimed in claim 17 wherein the polymer is doped with Nile Red 0.04% and Coumarin 6.

21. (New) An optical fibre as claimed in Claim 20 wherein the polymer is doped with Nile Red 0.04%, Coumarin 6 and Bis MSB.

22. (New) An optical fibre as claimed in claim 17 which has a radius of between 0.25 and 0.70×10^{-2} meters and a length of between 0.2 and 1.6 meters.

23. (New) An optical fibre as claimed in claim 17 wherein magnitude of the fluorescent light emitted from such a fibre is given by the equation $Aa/Ae=2L/r$ wherein Aa is the surface area of the fibre and Ae is the area at which the fluorescent light is emitted.

24. (New) An optical fibre as claimed in claim 17 wherein the polymer is chosen from the group comprising PMMA, polycarbonate and polystyrene.
25. (New) Use of an optical fibre according to claim 17 as a light emitting pixel in an array.
26. (New) A display comprising a plurality of fibres according to claim 17.
27. (New) A display according to claim 26 comprising a plurality of fibres acting as pixels.
28. (New) A display according to claim 27 wherein the light intensity at the end of each fibre can be modulated selectively.